

Bibliographic Information

Fluoran compound and thermal recording material. Omura, Haruo; Tsuchida, Tetsuo; Kondo, Mitsuru. (Kanzaki Paper Mfg. Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho (1992), 11 pp. CODEN: JKXXAF JP 04213368 A2 19920804 Heisei. Patent written in Japanese. Application: JP 91-10851 19910131. Priority: JP 90-172243 19900628. CAN 118:14048 AN 1993:14048 CAPLUS (Copyright 2004 ACS on SciFinder (R))

Patent Family Information

<u>Patent No.</u>	<u>Kind</u>	<u>Date</u>	<u>Application No.</u>	<u>Date</u>
JP 04213368	A2	19920804	JP 1991-10851	19910131
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Priority Application

JP 1990-172243 19900628

Abstract

The fluoran compd. I [R = C4-12 tert-alkyl, R1-11 = H, halo, C1-12 alkyl, C1-12 alkoxy, OH, NO₂, NR12R13, O(CO)OR14, OCOR15, R12-13 = H, C1-12 alkyl, C4-12 cycloalkyl, (halo or C1-6 alkyl or C1-6 alkoxy-substituted) aralkyl or aryl; R12 and R13 may form pyrrolidino, piperidino or hexamethyleneimino group; R14 = C1-12 alkyl, benzyl, (halo or C1-6 alkyl or C1-6 alkoxy-substituted) aryl; R15 = C1-12 alkyl, benzyl, (halo or C1-6 alkyl or C1-6 alkoxy-substituted) aryl, NR16R17; R16-17 = H, C1-12 alkyl, C4-12 cycloalkyl, (halo or C1-6 alkyl or C1-6 alkoxy-substituted) aralkyl or aryl, R16 and R17 may form a pyrrolidino or piperidino or hexamethyleneimino group] is claimed. In the thermal recording material comprising a support and a heat-sensitive layer contg. a dye-precursor and an acid compd. color-developer, the dye-precursor contains ≥ 1 of I. The material shows high whiteness, storage stability, and gives high-d. images.

